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Attorney Docket: 26775U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appl. of: Naphtali Savion : Examiner: Zoreh Fay
Serial No. 09/341,048 : Group Art Unit: 1618
Filed: August 9, 1999
For: PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF THE EYE

DECLARATION UNDER 37 C.F.R. §1.132

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

The undersigned, Michael Belkin, hereby declare and say the following.

1. I am a citizen of Israel, residing in Tel Aviv, Israel.
2. I am a Professor of Ophthalmology at the Tel Aviv University and the Director of Ophthalmic Technologies Laboratory at the University's Eye Research Institute at the Sheba Medical Center. I was awarded a Master's degree in Science by Cambridge University, in England, and a Medical Doctoral degree from the University of Jerusalem, in Israel.
3. I have previously served as Director of Research, Development and Non-Conventional Warfare Medicine in the Israel Defense Forces Medical Corps, Director of the Tel Aviv University Eye Research Institute and Chairman of the Tel Aviv University Department of Ophthalmology, and President of the Israel Society of Eye and Vision Research as well as one of the founders.
4. I am the author of over 200 scientific publications and of 15 patents. I am an internationally recognized eye researcher and have received various research awards. My laboratory is dedicated to enabling the transfer of technologies from the university-level research to clinical practice by providing expertise and facilities for the laboratory, pre-clinical and the clinical studies.
5. I am currently involved in several projects in lasers, optics, ophthalmic devices, pharmaceuticals and biotechnology, all of which are at various stages of development. I have been investigating the process of corneal healing for many years and, given that my laboratory is dedicated to the transfer of technologies from the laboratory to the clinic, I am well cognizant of both the research and the clinical practice on the subject.

6. I am fully conversant with the medical conditions and pharmaceutical compositions incorporating a binder, including the subject of U.S. Patent Application Serial No. 10/048,789.

7. I wish to provide my professional opinion in support of the following statement made by the inventors that a medicament for the treatment of disorders selected from the group consisting of: mechanical abrasion of the cornea; corneal epithelial defects created by spontaneous peeling of the epithelium; corneal damage following photo-refractive keratectomy; injuries caused by chemical damage to the corneal epithelium and conjunctiva; chronic edema of cornea with recurrent erosion of epithelium; and conditions following damage of epithelia due to radial keratotomy, i.e., the subject of the above-identified patent application, is unrelated to the treatment of dry eyes, whether by lubrication or inflammation suppression.

8. Furthermore, none of the therapies employed to cure the corneal conditions listed above is associated with dry eyes treatment.

9. Consequently, a person skilled in the art would not consider using a dry eye medication to treat disorders listed above, except occasionally for the temporary relief of some of their minor symptoms, for the treatment of the above conditions.

10. The undersigned Declarant declares further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; further these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon..

September 5, 2005

Date

פרופ' מיכאל בלקין
רופא עיניים
מס. רישוי 2339

Michael Belkin, M.A., M.D.
Director, Ophthalmic Technologies Laboratory
Eye Research Institute, Sheba Medical Center
Tel Aviv University



CURRICULUM VITAE

MICHAEL BELKIN, M.A., M.D.

A. BIOGRAPHICAL

Name: Michael Belkin
Birthdate: November 14, 1941
Birthplace: Tel-Aviv, Israel
Citizenship: Israel
Marital Status: Married Ruth Loeb, 1967. Three children

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June 2005

B. EDUCATION AND TRAINING

	INSTITUTION	AREA OF STUDY
	UNDERGRADUATE	
1961 - 1965	Cambridge University England	Natural Sciences Honours B.A. and M.A.
	GRADUATE	
1965 - 1968	Hebrew University Jerusalem, Israel	Medicine M.D. Degree
	POST-GRADUATE	
1968 - 1969	Assaf Harofeh Hospital Tsrifin, Israel	Rotating Internship
1970 - 1975	Hadassah University Hospital, Jerusalem, Israel	Residency in Ophthalmology Board Certified 1975

C. CERTIFICATES AND LICENSURE

1969	Licensed by the Israel Ministry of Health to practice medicine. (Licence Number 8339).
1970	Certified by the US Educational Council for Foreign Medical Graduates.
1975	Specialist accreditation in Ophthalmology by the Israel Ministry of Health. (Licence Number 5133).

D. HONORS

	INSTITUTE	EVENT
1976	Israel Medical Association	Landau Research Prize
1985	Tel Aviv University	Stein Research Prize
1985	International Ergophthalmological Society	Honorary Merit Diploma and Medal
1989	Tel Aviv University	Stein Research Prize
1990	International Congress of Ophthalmology	Merit Award and Medal
1990	U.S. Army	Edwin S. Beatrice Memorial Lecture
1995	Tel Aviv University	Stein Research Prize
1998	Tel Aviv University	Stein Research Prize
2000	International Meeting of German Ophthalmic Surgeons	Glaucoma Surgery Video Award (2 nd place)
2000	Tel Aviv University	Gothelf Prize
2000	Tel Aviv University, Dept. of Physical Astronomy	Dror Sadeh Memorial Lecture
2005	Tel Aviv University	Dean's lecture

E. PROFESSIONAL EXPERIENCE

	INSTITUTION	DEPARTMENT/UNIT	POSITION/RANK
1971 - 1976	Hadassah University Hospital, Jerusalem	Ophthalmic Ultrasonography Service	Head of Service
1974 - 1975	Hebrew University Jerusalem	Ophthalmology	Instructor
1974 - 1976	Hadassah University Hospital, Jerusalem	Pediatric Ophthal- -mology Service	Head of Service
1975 - 1980	Hebrew University Jerusalem	Ophthalmology	Lecturer
1975 - 1976	Hadassah University Hospital Jerusalem	Ophthalmology	Chief Physician
1976 - 1979	Israel Defence Forces Medical Corps	Research & Devel- -opment Department	Head of department Lieutenant Colonel
1979 - 1981	Letterman Army Research Institute San Francisco	Ocular Hazards Division	Visiting Scientist
1981 - 1987	Tel-Aviv University	Faculty of Medicine	Associate Professor
1981 - 1990	Tel-Aviv University	Goldschleger Eye Research Institute	Director
1981 - 1997	Tel-Aviv University Goldschleger Eye Research Institute	Traumatology, Ergophthalmolgy and Laser Laboratories	Head of Laboratories
1981 - 1983	Sheba Medical Center Dept.of Ophthalmology	Pediatric Ophthal- -mology Service	Head of Service
1982 - 1993	Tel-Aviv University	Institute of Occupational Health	Faculty Member

Since 1987	Tel Aviv University	Faculty of Medicine	Professor of Ophthalmology
1988 - 1992	Tel Aviv University	Department of Ophthalmology	Chairman
1989 - 1990	Letterman Army Research Institute San Francisco	Ocular Hazards Division	Visiting Professor
1994 - 2001	Walter Reed Army Institute of Research	Medical Research Detachment	Visiting Professor
Since 1997	Tel Aviv University	Ophthalmic Technologies Laboratory	Director

F. OTHER PROFESSIONAL ACTIVITIES

1977 - 1980	Founding Member and Treasurer, Israel Society for Eye and Vision Research.
1978 - 1983	Member, National Academy of Science Codata Committee.
1978 - 1987	Advisor on Ocular Protection, Israel Standards Institute.
1981 - 1985	President, Israel Society for Eye and Vision Research.
1982 - 1995	Chairman, Committee for Planning of Ophthalmic Care during National Emergencies.
Since 1982	Member, Israel Ophthalmological Society Council.
1983 - 1988	Member, National Advisory Committee for Radiation Safety.
1984 - 1995	National Representative, International Ergophthalmological Society.
1984 - 1990	Member, Israel Ophthalmological Society Board.
Since 1984	Member, Sheba Medical Center Human Use in Biomedical Experiments (Helsinki Committee).
1985 - 1986	Member, Ministry of Health Committee on Optometric Education.
1985 - 1989	Board Member, Research Laboratory for Laser Applications in Cardiology, Sheba Medical Center.
1985 - 1990	Member, Supervisory Committee, Master's Degree in Occupational Health Program, Tel-Aviv University Sackler School of Medicine.
Since 1985	Senior Advisor in Ophthalmology to the Surgeon General, Medical Corps, Israel Defence Forces.
1985 - 1993	Chairman, Permanent Advisory Committee in Ophthalmology, Ministry of Health.
1986 - 1990	Member, Tel-Aviv University Human Use in Scientific Experiments (Helsinki Committee).
1986 - 1996	Member, Board of the Israel Society for Eye and Vision Research.
1987 - 1991	Member, Tel-Aviv University Sackler School of Medicine Clinical Appointments and Promotions Committee.
1987 - 1988	Member, Ministry of Science and Development, Advisory Board on Lasers in Medicine.

1987 - 1992	Member, Scientific Advisory Committee to the Surgeon General, Medical Corps, Israel Defence Forces.
1987 - 1991	Member, Tel Aviv University Sackler School of Medicine Search Committee for Senior Scientists.
1987 - 1987	Member, Tel Aviv University Patents Committee.
1987 - 1988	Chairman, Interministerial Committee for the Usage and Safety of Video Display Terminals.
1988 - 1994	Member, Board of Directors, Ramot, Tel Aviv University Authority for Applied Research and Industrial Development.
Since 1998	World Council Member, International Ergophthalmological Society.
1988 - 1993	Chairman, Advisory Committee for Registration of Ophthalmic Preparations, Ministry of Health.
1989 - 1995	International Advisor, Myopia International Research Foundation.
Since 1989	Founding and Board Member, International Society of Ocular Trauma. Executive Committee Member
Since 1990	Member, Scientific Council, Cardiology Research Institute, Tel Aviv University.
1991 - 2000	Member, International Editorial Board, "Ophthalmology Digest".
1991 - 2000	Assistant Editor, "Journal of Eye Trauma".
Since 1992	Member, International Advisory Board, "Survey of Ophthalmology".
1994 - 1995	Member, World Health Organization Committee on Ultraviolet Radiation Hazards and Protection.
1994 - 1995	Member, Ministry of Health National Laser Policy Committee.
1995 - 1996	Member, Ministry of Health Committee on Laser Medicine Education, Instruction and Licensure.
1995 - 1996	Board Member, Israel Society for Lasers in Medicine and Surgery.
Since 1996	Member, Ministry of Health Committee on Registration of Cosmetic Preparations.
Since 1997	Member, Laser Safety Committee of the Atomic Energy Commission, Israel.
1998 - 2001	Member, ARVO Commercial Relationship Committee, USA.

Since 1998	Chairman, Ophthalmology Committee, National Councils for Health.
1999 - 2000	Member, Senior Advisory Committee on Eyeglasses and Sunglasses, Israel Standards Institute.
2001	Member, Steering Committee on Quality Control of Local Helsinki Committees (IRB) activities. Israel Ministry of Health.
2001	Chairman, Israel Ophthalmological Society Public Health Information Dissemination Committee.
2001-2003	Chairman, Commercial Relationship Committee, Association for Research in Vision and Ophthalmology (ARVO).
2004-2006	Member, Nonionizing Directed Energy Bioeffects Hazards Steering committee, U.S. Army
2005	Member, Sheba Medical Center Patent Committee

G. MEMBERSHIP OF PROFESSIONAL & SCIENTIFIC SOCIETIES

	SOCIETY	COUNTRY
Since 1969	Israel Medical Association	Israel
Since 1970	Israel Ophthalmological Society	Israel
Since 1975	Israel Association for Medical and Biological Engineering	Israel
Since 1977	International Ergophthalmological Society	International
Since 1977	Israel Society for Eye and Vision Research (Founding member)	Israel
Since 1979	Laser Institute of America	USA
Since 1983	Association for Research in Vision and Ophthalmology (ARVO)	USA
Since 1987	International Society for Optical Engineering (SPIE)	International
Since 1987	International Society for Eye Research (ISER)	International
Since 1989	American Academy of Ophthalmology	USA
Since 1989	International Society for Ocular Trauma (Founding member)	International
Since 1992	International Society of Ocular Inflammation (Founding member)	International
Since 1992	Biomedical Optics Society (BIOS)	International
Since 1993	American Society of Cataract and Refractive Surgery (ASCRS)	USA
Since 1995	Israel Society for Lasers in Medicine and surgery	Israel
Since 1996	European Society for Vision and Eye Research (EVER)	Europe
Since 1998	European Society of Cataract and Refractive Surgery	Europe

Since 1999	European Glaucoma Society	Europe
Since 2003	American Glaucoma Society	USA

H. RESEARCH GRANTS RECEIVED

	ORGANIZATION	COUNTRY
1973	IDF Medical Research Fund	Israel
1974	Fight for Sight	USA
1975	National Institute of Health	USA
1976	Ophthalmology Research Fund	Switzerland
1982	Schreiber Medical Research Fund	Israel
1982	Schauder Experimental Surgery Fund	Israel
1983 - 1994	U.S. Army Medical Research and Development Command (Laser Eye Effects Project)	USA
1984 - 1986	Ministry of Industry & Trade	Israel
1985	Schauder Experimental Surgery Fund	Israel
1986 - 1992	U.S. Army Medical Research and Development Command (Nerve Regeneration Project)	USA
1987 - 1989	Ministry of Defense (Night Vision Project)	Israel
1989 - 1991	U.S. Israel Binational Science Fund	US-Israel
1991 - 1992	Gothelf Fund	Israel
1991	IDF Medical Corps (Visual Fields Project)	Israel
1992	Ministry of Defense (Night Vision Project)	Israel
1994 - 1996	Wasserman Fund	Israel
1995 - 2000	Scheluche Fund	England
1995	Ministry of Defense (Laser Eye Effects Project)	Israel
1995 - 1996	Ministry of Defense	Israel

(Night Vision Project)

1995 - 1996	Medinol Ltd.	Israel
1996 - 1999	U.S. Army (Laser Eye Effects Project)	USA
1996 - 1997	Pharmos Ltd.	Israel
1996 - 2000	Optonol Ltd.	Israel
1997 - 2000	Optomedic Ltd.	Israel
1996	Burton Foundation	England
1997	University Research Fund (TAU)	Israel
1997-1998	Teva Ltd.	Israel
1998-1999	Israel Defense Forces (Treatment of Laser Eye Injuries)	Israel
1998-2000	U.S. Army (Retinal Neuroprotection)	USA
1998-1999	Talia Ltd.	Israel
1999-2000	Allergan Inc.	USA
1999-2000	D-Pharm Ltd.	Israel
1999-2000	Zeneca Ltd.	USA
1999-2000	Applied Spectral Imaging Ltd.	Israel
1999-2000	Collgard Ltd.	Israel
2000	Glovinski Fund (TAU)	Israel
2000	Gothelf Fund (TAU)	Israel
2000	Sherf Fund (TAU)	Israel
2000-2001	Polak-Daniels Fund (TAU)	Israel
2001-2002	Maratier Fund (TAU)	Israel
2001-2003	Israel Defense Forces	Israel
2001-2002	Ginzburg Fund (TAU)	Israel
2001-2002	Wasserman Fund (TAU)	Israel
2001-2002	Stein Fund (TAU)	Israel

2002-2003	Maratier Fund	Israel
2002-2003	Ministry of Defence (Laser Injuries)	Israel
2003-2004	Maratier Fund (Alzheimer's)	Israel
2003-2004	Maratier Fund (Laser Injuries)	Israel
2003-2004	Maratier Fund (Hyperbaric therapy)	Israel
2004- 2005	Israel Defence Forces (Night vision)	Israel
2004-2006	Ministry of Defence (Computer effects)	Israel
2004-2006	TheraVita Inc.	Thailand
2004-2005	Maratier Fund (Hyperbaric therapy)	Israel
2004-2005	Maratier Fund (Myopia etiology)	Israel
2004-2005	Maratier Fund (Photobiomodulation)	Israel
2004-2006	Fogelnost fund (Glaucoma detection)	Israel
2004-2006	Gothelf fund (Glaucoma detection)	Israel
2005-2006	Maratier Fund (Night Vision)	Israel
2005-2006	Allon Inc.	USA
2005-2006	Maratier Fund (Retinal diseases)	Israel
2005-2006	Ministry of Defence (Night vision)	Israel

I. PATENTS

1. U.S. Patent No. 4,413,890, (Nov. 8, 1983).
Instrument for Objective Detection of Ocular Disease.
2. European Patent No. EP 0172987 B1 July 17, 1991.
Israeli Patent Application, No.71440, 1986.
Nerve Regeneration.
3. Israeli Patent Application, 1987. No. 81285.
Chemical Eye Protector.
4. Israeli Patent, No. 82295. (Allowed May 23, 1993).
Composition for the treatment of eyes.
5. Israeli Patent Application, 1987. No. 83913.
Surgical adhesive.
6. Israeli Patent Application, 1987.
Induction of brain vascularization
7. Israeli Patent Application, 1987.
Induction of laminin deposition in the central nervous system.
8. U.S. Patent No.5,510,329 (Apr. 23,1996).
Preparation for the treatment of Eyes.
9. European Patent No. 1989000114485 (July 2, 1990)
Factor for the activation of target cells.
10. U.S. Patent No. 5,620,435 (Apr. 15, 1997)
Eye Surgery.
11. Japanese Patent No. 1985472, 1995.
Nerve Regeneration.
12. Israel Patent No. 87349, 1994; Finland Patent No. 93925, 1995.
Activation of glial cells.
13. US Patent application No. 08/539,246
Ophthalmic Laser Surgery. Allowed Feb 21, 1997.
14. U.S. Patent No. 5,733,276 (March 31, 1998)
Method for prophylactic therapy for post-operative posterior capsular opacification.
15. U.S. Patent No. 6,761,697
Method for measuring retinal damage. Allowed July 13, 2004.

LIST OF PUBLICATIONS

A. Books Edited

1. Schwartz, M. and Belkin, M.,
Low Energy Laser Effects on Biological Systems
SPIE: Bellingham, 1993.
2. Sliney D. and Belkin, M.,
Ultraviolet Radiation Hazards
SPIE: Bellingham, 1994.
3. Stuck, B.E. and Belkin, M.
Laser Inflicted Eye Injuries: Epidemiology, Prevention and Treatment
SPIE: Bellingham, 1996.
4. Stuck, B.E. and Belkin, M.
Laser and noncoherent ocular effects
SPIE: Bellingham, 1997.
5. Rol, P.O., Joos, K.M., Manns, F., Stuck, B. and Belkin, M.
Ophthalmic Technologies
SPIE: Bellingham, 1999.
6. Stuck, B.E. and Belkin, M.
Lasers and non-coherent light ocular effects: epidemiology, prevention and treatment
SPIE: Bellingham, 2001
7. Stuck, B.E. and Belkin, M.
Laser and Noncoherent Light Ocular Effects: Prevention and Treatment
SPIE: Bellingham, 2003
8. Manns, F., Soderberg, P., Ho, A., Stuck, B. and Belkin, M.
Ophthalmic Technologies
SPIE: Bellingham, 2005 (In Press)
9. Belkin, M. (section editor)
In Battler, A. and Leor, J. (Editors)
Stem Cells and Gene-Based Therapy: Frontiers in Regenerative Medicine
Springer: London (In Press)

B. Articles

1. Belkin, M., Oliver, M. and Cohen, T.
Congenital glaucoma with different clinical manifestations in members of one sibship
J. Pediat. Ophthalmol. 8: 266-269, 1971.
2. Oliver, M. and Belkin, M.
Prevalence of ocular diseases other than amblyopia among pre-school age children causing severe impairment of vision
J. Pediat. Ophthalmol. 9: 43-46, 1972.

3. Belkin, M. and Mundel, G.
Cerebral palsy in Israel
Harefuah 84: 276-278, 1972.
4. Belkin, M., Oliver, M., Aviel, E. and David, R.
Surgical treatment of retinoschisis: Anatomical and functional results
Ann. Ophthalmol. 5: 498-501, 1973.
5. Ticho, U. and Belkin, M.
Neuroophthalmological manifestations of syphilis
Harefuah 84: 536-538, 1973.
6. Belkin, M., Ticho, U., Susal, A. and Levinson, A.
Ultrasonography in the refraction of aphakic infants
Brit. J. Ophthalmol. 57: 845-848, 1973.
7. Rose, L., Yinon, U. and Belkin, M.
Myopia induced in cats deprived of distance vision during development
Vision Res. 14: 1029-1032, 1974.
8. Zeimer, R., Weinreb, A., Loewinger, E., Kalman, Z.H. and Belkin, M.
Detection and analysis of metals in the eye by x-ray spectrometry
Med. Physics 1: 251-256, 1974.
9. Michaelson, I.C., Levinson, A., Zauberman, H. and Belkin, M.
Prevention of war injuries of the eye
Harefuah 87: 560-562, 1974.
10. Belkin, M., Zeimer, R., Chajek, T., Friedman, G. and Melamed, E.
Noninvasive quantitation of corneal copper in hepatolenticular
degeneration (Wilson's disease)
Lancet 1: 391-392, 1976.
Abstracted in Selecta 40: 3691-3692.
11. Belkin, M., Loewinger, E., Weinreb, A. and Zeimer, R.
A noninvasive method for detection and analysis of metals in the eye
Invest. Ophthalmol. 15: 770-773, 1976.
Received the Landau Research Prize.
12. Belkin, M., Zauberman, H. and Michaelson, I.C.
Ocular war injuries
Part I: Adnexal injuries.
Harefuah 91: 291-293, 1976.
13. Belkin, M., Zauberman, H. and Michaelson, I.C.
Ocular war injuries
Part II: Blunt trauma.
Harefuah 91: 339-342, 1976.
14. Belkin, M., Zauberman, H. and Michaelson, I.C.
Ocular war injuries
Part III: Perforating injuries.
Harefuah 91: 463-464, 1976.

15. Belkin, M., Zauberman, H. and Michaelson, I.C.
Ocular war injuries
Part IV: Intraocular foreign bodies.
Harefuah 91: 450-454, 1976.
16. Belkin, M., Yinon, U., Rose, L. and Reisert, I.
Effect of visual environment on refractive error of cats
Doc. Ophthalmol. 42: 433-437, 1977.
17. Gorodetzky, R., Weinreb, A., Zeimer, R. and Belkin, M.
Noninvasive copper measurement in chalcosis: Comparison with electroretinography and ophthalmoscopy
Arch. Ophthalmol. 95: 1059-1064, 1977.
18. Berkovitz, S., Belkin, M. and Tenenbaum, A.
Childhood myasthenia gravis
J. Ped. Ophthalmol. 14: 269-273, 1977.
19. Zeimer, R., Gorodetzky, R., Lahav, M. and Belkin, M.
Experimental chalcosis: A comparison between in-vivo and in-vitro finding
Arch. Ophthalmol. 96: 115-119, 1978.
20. Zeimer, R., Belkin, M., Leitersdorff, E. and Rachmilewitz, E.A.
A noninvasive method for the evaluation of tissue iron deposition in
beta-thalassemia major
J. Lab. Clin. Med. 91: 24-31, 1978.
21. Belkin, M. and Ivry, M.
Explosive intraocular foreign bodies
Amer. J. Ophthalmol. 85: 676-678, 1978.
Abstracted in Ophthalmic Dig. 1: 28, 1979.
22. Belkin, M., Zeimer, R., Chajek, T., Friedman, G. and Melamed, E.
Corneal copper quantitation in Wilson's disease
Metabl. Ophthalmol. 2: 389, 1978.
23. Belkin, M., Zeimer, R., Weinreb, A., Loewinger, E. and Kalman, Z.H.
Management of non-magnetic intraocular foreign bodies: A new approach with the aid of x-ray spectrometry
Arch. Ophthalmol. 97: 106-108, 1979.
Abstracted in: (1) Ophthalmic Digest 2: 14-15, 1980.
(2) Yearbook of Ophthalmology 1980, pp. 347-348.
(3) Europ. Sci. Notes 34-7: 339-342, 1980.
24. Belkin, M.
A retention modification of the limbal ring method for foreign
body localization
Amer. J. Ophthalmol. 88: 124-125, 1979.
25. Kleinman, Y. and Belkin, M.
Medical aspects of lacrimating agents
Harefuah 96: 579-581, 1979.

26. Belkin, M.
The laser hazard
Amer. Intraocular Implant Soc. J. 6: 334-336, 1980.
27. Weiss, J.F. and Belkin, M.
The effect of penicillamine on posttraumatic vitreous proliferation
Amer. J. Ophthalmol. 92: 625-627, 1981.
28. Ilisar, M., Chirambo, M. and Belkin, M.
Ocular injuries in Malawi
Brit. J. Ophthalmol. 66: 145-148, 1982.
29. Belkin, M., Jackobs, D.R., Jackson, S.M. and Zwick, H.
Senile cataract and myopia
Ann. Ophthalmol. 14: 49-50, 1982.
30. Lobel, D. and Belkin, M.
Transilluminated lid plate and chalazion clamp
Amer. J. Ophthalmol. 94: 413-414, 1982.
31. Belkin, M. and Horev, G.
Aphakic ultrasonographic refraction in adults. Comparison with
retinoscopy and subjective refraction
Metab. Pediat. Syst. Ophthalmol. 6: 269-272, 1982.
32. Avni, I., Blumenthal, M. and Belkin M.
Epithelial invasion of the anterior chamber following repeated keratoplasty
Metab. Pediat. Syst. Ophthalmol. 6: 337-341, 1982.
33. Surinchak, J.S., Alago, M.L., Bellammy, R.F., Stuck, B.E. and Belkin, M.
Effects of low level energy lasers on the healing of full thickness
skin defects.
Lasers Surg. Med. 2: 267-274, 1983.
34. Belkin, M.
Ocular injuries in the Yom Kippur War
J. Ocular Therap. Surg. 2: 40-49, 1983.
35. Lobel, D., Blumenthal, M. and Belkin, M.
A new instrument for removing corneal foreign bodies
Amer. J. Ophthalmol. 95: 715-716, 1983.
36. Belkin, M., Lund, D.J. and Beatrice, E.S.
Urokinase treatment of fresh laser irradiation induced vitreous hemorrhage.
Ophthalmologica 187: 152-156, 1983.
37. Ben-Hanan, Y., Landshman, N., Avni, I., Karasik, A. and Belkin, M.
Indications for possible role of the immune system in the pathogenesis of corneal alkali burns
Brit. J. Ophthalmol. 67: 635-637, 1983.

38. Belkin, M., Avni, I., Kessler, E., Hercberg, A., Spierer, A. and Treister, G.
X-irradiation in the prevention of post-traumatic vitreous proliferation
Curr. Eye Res. 2: 753-756, 1983.
39. Avni, I., Belkin, M., Hercberg, A. and Blumenthal, M.
Intravitreal 5-fluorouracil in the prevention of post-traumatic vitreous proliferation
Ophthalmologica 188: 5-8, 1984.
40. Belkin, M., Blumenthal, M. and Rosner, M.
Congenital cataract - a preventable form of blindness
Harefuah 106: 42-43, 1984.
41. Belkin, M., Treister, G. and Dotan, S.
Eye injuries and ocular protection in the 1982 Lebanon War
Isr. J. Med. Sci. 20: 333-338, 1984.
Received the Stein Research Prize.
42. Naveh-Floman, N. and Belkin, M.
Laser treatment of glaucoma
Harefuah 106: 325-327, 1984.
43. Moisseiev, J., Belkin, M., Bartov, E. and Treister, G.
Severe combat eye injuries
Isr. J. Med. Sci. 20: 339-344, 1984.
44. Hadani, M., Harel, A., Solomon, A., Belkin, M., Lavie, V. and Schwartz, M.
Substances originating from optic nerve of neonatal rabbit induce regeneration associated response in the injured optic nerve of adult rabbit
Proc. Nat. Acad. Sci. USA: 81: 7965-7969, 1984.
45. Azizi, E., Semach, D., Schewach-Millet, M., Avni, I., Ben-Chaim, O., Treister, G., Blumenthal, M. and Belkin, M.
Topical treatment of periocular basal cell epithelioma with solcoderm
Ophthalmologica 189: 116-120, 1984.
Abstracted in Yearbook of Ophthalmology 1985, pp. 31-32.
46. Naveh-Floman, N., Weismann, C. and Belkin, M.
Arachidonic acid metabolism by retinas of rats with streptozotocin induced diabetes
Curr. Eye Res. 3: 1135-1139, 1984.
47. Belkin, M.
Safety aspects of laser radiation
Harefuah 107: 354-356, 1984.
48. Spierer, A., Rosner, M. and Belkin, M.
Pterygium, solar ultraviolet radiation and myopia
Metab. Pediat. Syst. Ophthalmol. 8: 47-48, 1985.

49. Solomon, A., Belkin, M., Hadani, M., Harel, A., Rachilovich, I., Lavie, V. and Schwartz, M.
A new transorbital surgical approach to the rabbit's optic nerve
J. Neurosci. Meth. 12: 259-262, 1985.
50. Naveh-Floman, N., Blumenthal, M. and Belkin, M.
Complications of medical treatment of glaucoma
Harefuah 108: 274-277, 1985.
51. Landshman, N., Ben-Hanan, I., Levin, A.L. and Belkin, M.
A model for corneal re-endothelialization after surgical trauma
Curr. Eye Res. 4: 555-561, 1985.
52. Spierer, A., Tadmor, R., Treister, G., Blumenthal, M. and Belkin, M.
Diagnosis and localization of intraocular foreign bodies by computed tomography
Ophthalm. Surg. 16: 571-575, 1985.
53. Stein-Izsak, C., Harel, A., Solomon, A., Belkin, M. and Schwartz, M.
Alterations in RNA translation products associated with regenerative responses in the retina
J. Neurochem. 45: 1754-1760, 1985.
54. Schwartz, M., Belkin, M., Harel, A., Solomon, A., Lavie, V., Hadani, M., Rachilovich, I. and Stein-Izsak, C.
Regenerating fish optic nerves and a regeneration-like response in injured optic nerves of adult rabbits
Science 228: 601-603, 1985.
Abstracted in *Surv. Ophthalmol.* 30: 348, 1986.
Received the Stein Research Prize.
55. Belkin, M.
A historical review of ocular trauma
Curr. Can. Ophthalm. Prac. 3: 158-159, 1985.
56. Ben-Hanan, I., Landshman, N., Assia, E. and Belkin, M.
Further evidence for the involvement of immunoregulatory processes in corneal alkali burns: Effects of immunosuppression and convalescent serum
Ophthalm. Res. 18: 288-291, 1986.
57. Rosner, M., Treister, G. and Belkin, M.
Epidemiology of retinal detachment in childhood and adolescence
J. Pediat. Ophthalmol. Strab. 24: 242-246, 1987.
Abstracted in: (1) *Ophthalmic Dig.* 6: 1-2, 1987.
(2) *Yearbook of Ophthalmology*, 1988, p.179.
58. Naveh-Floman, N. and Belkin, M.
Prostaglandin metabolism and intraocular pressure
Brit. J. Ophthalmol. 71: 254-256, 1987.

59. Schwartz, M., Doron, A., Erlich, M., Lavie, V., Ben-Bassat, J., Belkin, M. and Rochkind, S.
Effects of low energy He-Ne laser irradiation on the post-traumatic degeneration of adult rabbit optic nerve
Lasers Surg. Med. 7: 51-55, 1987.
60. Rosner, M. and Belkin, M.
Solar UV radiation, sunglasses and cataractogenesis
Harefuah, 112: 604-607, 1987.
61. Lavie, V., Harel, A., Doron, A., Solomon, A., Lobel, D., Belkin, M., Ben-Bassat, J., Sharma, S. and Schwartz, M.
Morphological response of injured adult rabbit optic nerve to implants containing neonatal derived substances
Brain Res. 419: 166-172, 1987.
62. Rosner, M. and Belkin, M.
Video display units and the eye
Harefuah 113: 126-128, 1987.
63. Landshman, N., Belkin, M., Ben-Hanan, I., Ben-Chaim, O., Assia, E. and Savion, N.
Regeneration of cat corneal endothelium induced in-vivo by Fibroblast Growth Factor
Exp. Eye Res. 45: 805-811, 1987.
64. Rosner, M. and Belkin, M.
Intelligence, education and myopia in males
Arch. Ophthalmol. 105: 1508-1512, 1987.
Received the Stein Research Prize.
65. Rosner, M., Bartov, E., Treister, G. and Belkin, M.
Prophylactic scleral buckling in penetrating ocular injuries involving the posterior segment
Ann. Ophthalmol. 20: 146-149, 1988.
Abstracted in Ophthalmic Dig. 8: 21-22, 1988.
66. Belkin, M., Zaturunski, B. and Schwartz, M.
A critical review of low energy laser bioeffects: Basic aspects
Lasers Light Ophthalmol. 2: 63-71, 1988.
67. Solomon, A., Belkin, M., Harel, A., Rosner, M., Ben-Bassat, S., Lavie, V., Erlich, M. and Schwartz, M.
Optic nerve regeneration - new aspects
Metab. Pediat. Syst. Ophthalmol. 11: 31-32, 1988.
68. Schwartz, M., Harel, A., Solomon, A., Savion, N., Stein-Izsak, C., Bawnik, Y., Zak, N., Vogel Z., Cohen, A. and Belkin, M.
Molecular and cellular aspects of axon-glia interaction in CNS regeneration
J. Physiol. (Paris) 82: 314-322, 1988.
69. Koval, R., Teller, J., Belkin, M., Romem, M., Yanko, L. and Savir H.
The Israeli Ocular injuries study. A Nationwide Collaborative Study
Arch. Ophthalmol. 106: 776-780, 1988.
Abstracted in Ophthalmic Dig. 8: 13, 1988.

70. Landshman, N., Ben-Hanan, I., Assia, E., Ben-Chaim, O. and Belkin, M.
Relationship between morphology and functional activity of regenerated corneal endothelium.
Invest. Ophthalmol. Vis. Sci. 29: 1100-1109, 1988.
71. Erlich, M., Kaplan, M., Ben-Bassat, S., Belkin, M. and Schwartz, M.
Low energy laser irradiation and the consequences of neural trauma
Lasers Life Sci. 2: 3-5, 1988.
72. Assia, E., Rosner, M., Belkin, M. and Schwartz, M.
Temporal parameters of low energy laser irradiation for optimal delay of post traumatic
degeneration of rat optic nerves
Brain Res. 476: 205-212, 1989.
73. Rosner, M., Kessler, E. and Belkin, M.
Infectious keratitis due to contact lenses
Harefuah 116: 107-110, 1989.
74. Rosner, M. and Belkin, M.
Video display units and visual function
Surv. Ophthalmol. 33: 515-522, 1989.
75. Schwartz, M., Cohen, A., Stein-Izsak, C. and Belkin, M.
The dichotomy of the glial cell response to axonal injury and regeneration
FASEB. J. 3: 2371-2378, 1989.
76. Landshman, N., Solomon, A. and Belkin, M.
Cell division in the healing of the corneal endothelium of cats
Arch. Ophthalmol. 107: 1804-1808, 1989.
77. Rosner, M. and Belkin, M.
The association between myopia, education and intelligence
Harefuah 118: 337-339, 1990.
78. Naveh, N., Belkin, M., Ben Chaim, O., Weissman, C. and Treister, G.
Prostanoids in the vitreous of diabetic and nondiabetic human eyes with
retinal detachment
Ophthalmic Res. 22: 3-11, 1990.
79. Rapoport, I., Romem, M., Kinek, M., Koval, R., Teller, J., Belkin, M., Yelin, N., Yanco, L. and Savir, H.
Eye injuries in children in Israel. A nationwide collaborative study
Arch. Ophthalmol. 108: 376-379, 1990.
80. Lavie, V., Murray, M., Solomon, A., Ben-Bassat, S., Rumelt, S., Belkin, M. and Schwartz, M.
Growth of injured rabbit optic axons within their degenerating optic nerve
J. Comp. Neurol. 298: 293-314, 1990.
81. Naveh, N., Bar-Ilan, A., Rosner, M., Schwartz, M., Weissman, C. and Belkin, M.
Low energy laser-irradiation - a new measure for suppression of arachidonic
acid metabolism in the optic nerve
J. Neurosci. Res. 26: 386-389, 1990.

82. Teller, J., Koval, R., Savir, H., Belkin, M., Romem, M. and Yelin, N.
Ocular injuries from seashore racketball
Harefuah 118: 573-574, 1990.
83. Duvdevani, R., Rosner, M., Belkin, M., Sautter, J., Sabel, B.A. and Schwartz, M.
Graded crush of the rat optic nerve as a brain injury model. Combining electrophysiological and behavioral outcome
Restorative Neurol. Neurosci. 2: 31-38, 1990.
84. Schwartz, M., Solomon, A., Lavie, V., Ben-Bassat, S., Belkin, M. and Cohen, A.
Tumor necrosis factor facilitates regeneration of injured central nervous system axons
Brain Res. 545: 334-338, 1991.
85. Rosner, M. and Belkin, M.
A nation-wide study of myopia prevalence in Israel. Finding in a population of 312,149 young adults
Metab. Pediat. Syst. Ophthalmol. 14: 37-41, 1991.
86. Koslowe, K.C., Spierer, A., Rosner, M. and Belkin, M.
Evaluation of Accomotrac biobedback training for myopia control
Optom. Vis. Sci. 68: 338-343, 1991.
87. Ashkenazi, Y., Blumenthal, M., Avni, I. and Belkin, M.
Mustard gas injuries of the eyes
Harefuah 120: 279-283, 1991.
88. Solomon, A., Lavie, V., Ben-Bassat, S., Belkin, M. and Schwartz, M.
A new surgical approach to overcome the inability of injured mammalian axons to grow within their environment
J. Neural Transplant. 2: 243-248, 1991.
89. Ashkenazi, I. and Belkin, M.
Adverse effects and complications of topical ocular anesthetics
Harefuah 121: 328-331, 1991.
90. Bar-Ilan, A., Naveh, N., Weissman, C., Belkin, M. and Schwartz, M.
Prostaglandins E_2 changes in the retina and optic nerve of an eye with injured optic nerve
Neuroscience 45: 221-225, 1991.
91. Alhalel, A. and Belkin, M.
Radial keratotomy for the correction of myopia
Harefuah 122: 791-794, 1992.
92. Melamed, S., Solomon, A., Neumann, D., Blumenthal, M. and Belkin, M.
Gonioscopic sclerostomy using laser ablation of dyed sclera in refractory glaucoma
Lasers Light Ophthalmol. 4: 181-189, 1992.
93. Ashkenazi, I. and Belkin, M.
Sunglasses - their importance and recommendations for proper selection
Harefuah 122: 104-107, 1992.

94. Eitan, S., Zisling, R., Cohen, A., Belkin, M., Hirschberg, D.L., Lotan, M. and Schwartz, M.
Identification of an interleukin-2-like substance as a factor cytotoxic to oligodendrocytes
and associated with central nervous system regeneration
Proc. Nat. Acad. Sci. USA 89: 5442-5446, 1992.
95. Neumann, R., Belkin, M., Loewenthal, E. and Gorodetsky, R.
Retained intraocular foreign bodies - a long term follow-up
Arch. Ophthalmol. 110: 1269-1272, 1992.
96. Lavie, V., Solomon, A., Ben-Bassat, S., Belkin, M. and Schwartz, M.
Horseradish peroxidase labeling of growth cones and axons beyond the site of injury in injured
rabbit optic nerve axons growing in their own environment
Brain Res. 575: 1-5, 1992.
97. DeRowe, A., Bartov, E., Treister, G., Belkin, M. and Katzir, A.
Immediate retinal adhesion by CO₂ laser irradiation using a fiberoptic intraocular probe
Laser Surg Med. 12: 604-608, 1992.
98. Melamed, S., Solomon, A., Neumann, D., Hirsh, A., Blumenthal, M. and Belkin, M.
Internal sclerostomy using laser ablation of dyed sclera in glaucoma
patients: A pilot study
Brit. J. Ophthalmol. 77: 139-144, 1993.
99. Belkin M.
Sunglasses for children as a preventive medicine measure
Harefuah 124: 367-369, 1993.
100. Alhalel, A., Glovinsky, Y., Treister, G., Bartov, E., Blumenthal, M. and Belkin, M.
Long-term follow up of accidental parafoveal laser burns
Retina 13: 152-154, 1993.
101. Battler, A., Scheinowitz, M., Bor, M., Hasdai, D., Vered, Z., Di Segni, E.,
Varda-Bloom, N., Nass, D., Engelberg, S., Eldar, M., Belkin, M. and Savion, N.
Intracoronary injection of basic fibroblast growth factor enhances angiogenesis in infarcted
swine myocardium.
J. Amer. Coll. Cardiol. 22:2001-2006, 1993.
102. Rosner, M., Caplan, M., Cohen, S., Duvdevani, R., Solomon, A., Assia, E.,
Belkin, M. and Schwartz, M.
Dose and temporal parameters in mitigating injured optic nerve degeneration
by low-energy laser irradiation
Lasers. Surg. Med. 13: 611-617, 1993.
103. Hirschberg, D.L., Yoles, E., Belkin, M. and Schwartz, M.
Inflammation after axonal injury has conflicting consequences for recovery of function: Rescue of
spared axons is impaired but regeneration is supported
J. Neuroimmunol. 50:9-16, 1994.
104. Rosner, M. and Belkin, M.
Cigarette smoking increases the risk of developing cataract
Harefuah 126:38-39, 1994.

105. Eitan, S., Solomon, A., Yoels, E., Lavie, V., Hirschberg, D.L., Belkin, M. and Schwartz M.
Recovery of visual response of injured adult rat optic nerves treated with transglutaminase
Science 264: 1764-1768, 1994.
Abstracted in *Amer. J. Ophthalmol.* 118: 552, 1994
escribed in *Sci. Am.* 271: 15, 1994.
106. Belkin, M. and Schwartz, M.
Ophthalmic effects of low-energy laser irradiation
Surv. Ophthalmol. 39: 113-122, 1994.
107. Belkin, M. and Schwartz, M.
Evidence for the existance of low energy laser bioeffects on the nervous system
Neurosurg. Rev. 17: 7-17, 1994.
108. Rosner, M., Laor, A. and Belkin, M.
Myopia and Stature: finding in a population of 106,926 males
Eur. J. Ophthalmol. 5: 1-6, 1995.
109. Barak, A., Ashkenazi, I. and Belkin M.
The use of diode lasers in ophthalmology
Middle East J. Ophthalmol. 3: 105-112, 1995.
110. Yanko, L., Neumark, Y., Hemo, Y., Koval, R., Yelin, N., Romem, M.,
Belkin, M. and Savir, M.
The Israel Ocular Injuries Study: incidence of legal blindness from ocular trauma
Isr. J. Med. Sci. 31: 423-428, 1995.
111. Schwartz, M., Hirschberg, D.L., Yoels, E., Solomon, A., Belkin, M., Eitan, S., Faber-Elman, A., Besserman, R.,
Lavie, V. and Spiegler, O.
Optic nerve disease and injury: The prospects for induction of regeneration
Prog. Ret. Eye Res. 15: 569-582, 1996.
112. Fulga, V., Schroder, S.R., Avraham, G. and Belkin, M.
Clinical assessment of Holo-Or trifocal contact lens
CLAO J. 22: 245-249, 1996.
113. Yoels, E., Belkin, M. and Schwartz, M.
Hu - 211, a non psychotropic cannabinoid, produces short and long-term neuroprotection
after optic nerve axotomy
J. Neurotrauma 13: 49-57, 1996.
114. Hirsh, A. and Belkin, M.
The dry eye syndrome: Background and therapeutic methods
Harefuah 131: 254-256, 1996.
115. Schwartz, M., Belkin, M., Yoels, E. and Solomon, A.
Potential treatment for glaucomatous neuropathy: Neuroprotection and neuroregeneration.
J. Glaucoma 5: 427-432, 1996
116. Solberg, Y., Rosner, M. and Belkin, M.
MK-801 has neuroprotective and antiproliferative effects in retinal laser injury
Invest. Ophth. Vis. Sci. 38: 1380-1389, 1997.
Awarded the Stein Research Prize.

117. Barak, A., Eyal, O., Rosner, M., Belotserkousky, E., Solomon, A., Belkin, M. and Katzir, A.
Temperature controlled CO₂ laser tissue welding of ocular tissues
Surv. Ophthalmol. 42 (Suppl): S77-S81, 1997.
Awarded the Chibret Prize (Israel).
118. Solomon, A., Solberg, Y., Belkin, M. and Landshman, N.
Effects of corticosteroids on the healing of corneal endothelium in cats
Graefe's Arch. Klin. Exp. Ophthalmol. 235: 325-329, 1997.
119. Solberg, Y., Alkalay, M. and Belkin, M.
Ocular injury by mustard gas
Surv. Ophthalmol. 41: 461-466, 1997.
120. Solberg, Y. and Belkin, M.
The role of excitotoxicity in organophosphorous nerve agents central poisoning
Trends Pharmacol. Sci. 18: 183-185, 1997.
121. Solberg, Y. and Belkin, M.
Photodynamic therapy in Ophthalmology
Harefuah 133: 268-272, 1997.
122. Rosner, M., Solberg, Y., Turetz, Y. and Belkin, M.
Neuroprotective therapy for argon-laser induced retinal injury
Exp. Eye Res. 65: 485-495, 1997.
Recommended in Eyenews 4:32-33, 1998.
Awarded the Chibret Prize (Israel).
123. Solberg, Y., Rosner, M. and Belkin, M.
The association between cigarette smoking and ocular diseases
Surv. Ophthalmol. 42:535-547, 1998.
Abstracted in Amer. J. Ophthalmol. 126:617-618, 1998.
124. Barkana, Y., Alhalel, A., Stein, M. and Belkin, M.
Laser injuries on the battlefield
Harefuah 134:903-906, 1998.
125. Solberg, Y. and Belkin, M.
Neuroprotection in ophthalmology (Editorial)
Ophth. Digest June :6-9, 1998.
126. Rapalino, O., Lazarov-Spiegler, O., Agranov, G., Velan, G., Yoles, E., Solomon, A., Gepstein, R., Katz, A., Belkin, M., Hadani, M. and Schwartz, M.
Implantation of stimulated macrophages leads to partial recovery of paraplegic rats
Nature Medicine 4:814-821, 1998.
127. Solberg, Y. and Belkin, M.
Steroid inhalation as a risk factor for cataract formation
Harefuah 135: 438, 1998.
128. Michaeli-Cohen, A., Belkin, M., Goldring, A., Rosner, M. and Assia, E.I.
Prevention of posterior capsular opacification with the CO₂ laser
Ophth. Surg. Lasers 29:985-990, 1998.

129. Bartov, E., Rock, T., Treister, G. and Belkin, M.
Total internal reflection of laser light in eyes filled with silicone oil
Ophth. Surg. Lasers 30:17-23, 1999.
Awarded the Chibret Special Recognition Prize.
130. Solberg, Y., Dubinski, G., Tchirkov, M., Belkin, M. and Rosner, M.
Methylprednisolone therapy for retinal laser injury
Surv. Ophth. 44:S85-S92, 1999.
131. Michaeli-Cohen, A., Belkin, M. and Assia, E.I.
Experimented intraoperative use of the CO₂ laser for the prevention of posterior capsular opacification
Ophth. Practice 18:6-8, 2000.
132. Beilin, M., Neumann, R., Belkin, M., Green, K. and Bar-Ilan, A.
Pharmacology of the intraocular pressure lowering effect of systemic dexamethasone (HU-211), a non-psychotropic cannabinoid
J. Ocular Pharmacol. Therapeutics 16:217-230, 2000.
133. Bar-Kana, Y. and Belkin, M.
Laser eye injuries
Surv. Ophthalmol. 44:459-478, 2000.
Front cover picture.
134. Loewenstein, A., Rosner, M., Solberg, Y., Belkin, M. and Yassur, Y.
Passive smoking and its effect on the eye
Harefuah 130:280-281, 2000.
135. Fulga, V., Sela, B.A. and Belkin, M.
The effect of a new gas permeable contact lens on lactic dehydrogenase activity in rabbit tears
Isr. Med. Ass. J. 2:738-741, 2000.
Editorialized on pp.758-759.
136. Wagnanski-Jaffe, T., Belkin, M., Rosner, M. and Glovinsky, Y.
Sclerostomy using needle puncture and subconjunctival injection of mitomycin C
Ophthalmic Surgery and Lasers 32:140-144, 2001.
137. Assia, E.I., Shelah, M., Israel, H.M., Rosner, M., Blumental, M. and Belkin, M.
Experimental studies of capsular equator rings of soft latex
J. Cataract Refractive Surg. 27:457-462, 2001.
138. Nyska, A., Glovinsky, Y., Belkin, M., and Epstein, Y.,
Biocompatibility of the ExPRESS miniature glaucoma drainage implant
J. Glaucoma 12:275-280, 2003
139. Barkana, Y. and Belkin, M.
Neuroprotection in ophthalmology
Brain Res. Bull. 62:447-453, 2004
140. Polat, U., Ma-Naim, T., Belkin, M. and Sagi, D.
Improving vision in adult amblyopia by perceptual learning
Proc. Nat. Acad. Sci. 101:6692-6697, 2004

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